

Converting Colors

RGB(104, 153, 114)

Have a look what the booklet for
RGB(104, 153, 114) contains.

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Color

RGB(104, 153, 114)

Conversions

Conversions Part 1

Format	Color
Hex	689972
RGB	104, 153, 114
RGB Percent	41%, 60%, 45%
CMY	0.5922, 0.4000, 0.5529
CMYK	0.32, 0.00, 0.25, 0.40
HSL	132°, 19%, 50%
HSV	132°, 32%, 60%
XYZ	20.1374, 26.9404, 20.0583
YIQ	133.9030, -16.6850, -22.5170

Conversions

Conversions Part 2

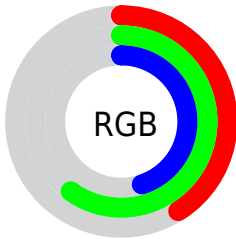
Format	Color
RYB	104, 145, 153
Decimal	6855026
CIELab	58.92, -24.85, 15.37
CIElCh	59, 29.222, 148.263
Yxy	26.9404, 0.2999, 0.4013
Android (android.graphics.Color)	4285045106 (0xFF689972)
YUV	133.9030, -9.8122, -26.2249
Hunter-Lab	51.9042, -21.5791, 13.4204

Details

The RGB color **104, 153, 114** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **153, 104, 143**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **157, 208, 166**, and **54, 102, 66** is the 20% darker color. If you saturate the color by 10%, you get **89, 153, 102**, and if you desaturate by 10%, it is **119, 153, 126**.

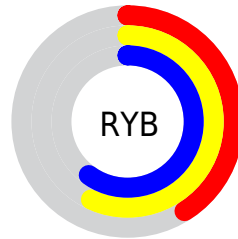
Distribution



Red (41%)

Green (60%)

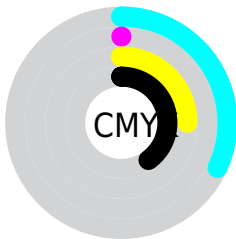
Blue (45%)



Red (41%)

Yellow (57%)

Blue (60%)

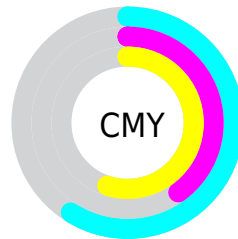


Cyan (32%)

Magenta (0%)

Yellow (25%)

Black (40%)



Cyan (59%)


Magenta (40%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 153, 114 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 104, 153, 114 by changing the saturation by 10% instead.

 104, 153, 114

255, 255, 255


 157, 208, 166


 184, 236, 193

 212, 255, 221

 240, 255, 250

 104, 153, 114

 79, 127, 89


 54, 102, 66


 30, 77, 43

 3, 54, 22

 0, 33, 0

 0, 0, 0

 104, 153, 114

 89, 153, 102

 73, 153, 90

 104, 153, 114

 119, 153, 126

 135, 153, 138

■ 58, 153, 77

■ 150, 153, 151

■ 43, 153, 65

■ 165, 153, 163

■ 28, 153, 53

■ 181, 153, 175

■ 12, 153, 41

■ 196, 153, 187

■ 0, 153, 31

■ 211, 153, 199

■ 226, 153, 211

■ 242, 153, 224

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



134, 148, 96



104, 153, 114



73, 156, 139

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



104, 153, 114



104, 145, 193



192, 124, 119

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



104, 153, 114



153, 104, 143

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



190, 122, 144



104, 153, 114



143, 136, 187

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



104, 153, 114



66, 151, 185



173, 127, 169



181, 131, 99

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



104, 153, 114



56, 156, 157



173, 127, 169



193, 123, 127

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



104, 153, 114



179, 199, 183



143, 153, 104



88, 99, 90



227, 227, 227



99, 99, 99

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



104, 153, 114



123, 199, 139



104, 153, 138



69, 77, 70



0, 140, 29



0, 13, 3

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



153, 104, 143



199, 123, 183



153, 104, 119



77, 69, 75



140, 0, 112



13, 0, 10

Previews

White Background



This preview shows how the RGB color 104, 153, 114 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 104, 153, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

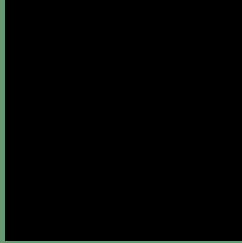
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 104, 153, 114 Background



This preview shows how black text looks on a background with the RGB color 104, 153, 114.



This preview shows how white text looks on a background with the RGB color 104, 153, 114.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
104, 153, 114

Protanopia
151, 141, 108

Deuteranopia
163, 136, 118



Tritanopia
113, 147, 159

Trichromacy



Original Color
104, 153, 114

Protanomaly
134, 145, 110

Deuteranomaly
142, 142, 117

Tritanomaly
110, 149, 143

Monochromacy



Original Color
104, 153, 114

Achromatopsia
134, 134, 134

Achromatomaly
123, 141, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 153, 114 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(104, 153, 114)` looks like.

```
.text, #text, p{  
    color:rgb(104, 153, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(104, 153, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 153, 114) }
```

Border

The CSS property to change the border of an element to RGB 104, 153, 114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 153, 114) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(104, 153, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(104, 153, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 153, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 153, 114);  
box-shadow:4px 4px 4px 4px rgb(104, 153,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 104, 153, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 153, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(104,  
153, 114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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